



Myosin IXb Monoclonal Antibody

Catalog No BYmab-03165 Isotype IgG Reactivity Human;Mouse;Rat Applications WB Gene Name MYO9B Protein Name Unconventional myosin-IXb Immunogen The antiserum was produced against synthesized peptide derived from human MYO9B. AA range:304-353 Specificity Myosin IXb Monoclonal Antibody detects endogenous levels of Myosin IXb protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MYO9B; MYR5; Unconventional myosin-IXb; Unconventional myosin-9b Observed Band 250kD Cell Pathway Cytoplasm, cell cortex . Cytoplasm, perinuclear region . Cytoplasm, cytoskeleton in undifferentiated cells its localization is cytoplasmic with the highest levels in the perinuclear region . Expressed predominantly in peripheral blood leukocytes and at lower levels, in thymus, spleen, testis, prostate, ovary, brain, small intestine		
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Nanjing BYabscience technology Co.,Ltd



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



	thrive.,function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. May be involved in the remodeling of the actin cytoskeleton. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions. Also acts as a GTPase activating protei
Background	This gene encodes a member of the myosin family of actin-based molecular motor heavy chain proteins. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-9 (MYH9). The protein has four IQ motifs located in the neck domain that bind calmodulin, which serves as a light chain. The protein complex has a single-headed structure and exhibits processive movement on actin filaments toward the minus-end. The protein also has rho-GTPase activity. Polymorphisms in this gene are associated with celiac disease and ulcerative colitis susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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